

Conversational Assistance Track results — (UMD) University of Maryland

Run Description	
Run ID	umd2021_run3rrf
Submission Category	Raw utterance and canonical responses
Query Method Features	method performs generative query rewriting
Query Data Features	method uses CAsT Y3 provided automatically rewritten utterances; method uses other external data
Passage Ranking Method Features	method uses a deep learning (neural) model; method uses a pre-trained neural language model
Passage Ranking Data Features	method uses provided automatic baseline run; method is trained with TREC Deep Learning Track and/or MS MARCO dataset
Conversational Context Features	method uses previous raw utterances (queries) in the topic; method uses previous automatically rewritten utterances (queries) in the topic; method uses previous automatic canonical result for the topic

Overall measures		Document Level Averages	
Number of topics	158		Precision
Total number retrieved	82796	At 5 docs	0.5418
Total relevant	5505	At 10 docs	0.4930
Total relevant retrieved	3889	At 15 docs	0.4409
Mean NDCG @ 3	0.4252	At 20 docs	0.4006
Mean NDCG @ 5	0.4275	At 30 docs	0.3447
Mean NDCG @ 500	0.5388		
MAP @ 500	0.3221		



